01c

Sustainability

RESL-RWMP/ES/2024-2025/RSPCB/01
Date: 15th July, 2025

To,
The Group Incharge (HSW)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari
Jaipur – 302 004 (Rajasthan).

Sub: Form-V (Environmental Statement) Submission for the Financial Year 2024-2025 for ICHW-TSDF-Gudli, Tehsil-Mavli, Distt.-Udaipur (Rajasthan).

Dear Sir,

With reference to the above mentioned subject, please find enclosed herewith Environmental Statement (Form-V) for the financial year 2024-2025; prescribed under Rule 14 of Environmental (Protection) Act, 1986 for Rajasthan Waste Management Project, Udaipur.

Thanking You

For **Re Sustainability Ltd.**
(Unit: Rajasthan Waste Management Project)

RE SUSTAINABILITY LIMITED R.W.M.P. UDAIPUR

Authorized Signatory

राजस्थान राज्य प्रदूषण नियंत्रण मण्डल उदयपुर
18/07/25

CC:
1. **Director Ministry of Environment Forest and Climate Change, New Delhi**
2. **Central Pollution Control Board, New Delhi**
3. **Regional Officer, RSPCB, Udaipur.**
4. **Regional Director Central Pollution Control Board Bhopal**

Rajasthan Waste Project Laboratory
(A Division of Re Sustainability Limited)
Site Address
TSDF-Udaipur, Survey No-1018/13,
Zinc Smelter Chauraha, Debari Railway Station Road,
Village Gudli, Tehsil- Mavli Udaipur-313024
Rajasthan, India.

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081. India.
CIN No. U74140TG1994PLC018833

FORM – V

Environmental Statement for Financial Year 2024-2025

PART - A

(i)	Name & Address of the owner/ Occupier of the Industry Operation or process.	**Rajasthan Waste Management Project,** (A Div. of Re Sustainability Ltd.), Survey No.1018/13, Village- Gudli, Tehsil- Mavli, District- Udaipur (Raj.)
(i)	Industry Category	Integrated Common Hazardous Waste Treatment Storage and Disposal Facility of Rajasthan (ICHW-TSDF)
(ii)	Production Capacity (Units)	Landfill Cell-V- 177255 MT Landfill Cell-VI- 130807 MT Common Incinerator of hazardous Waste- 500 kg/hr Alternate fuel & Resource Facility- 20,000 TPA
(iii)	Year of Establishment	2005 as per Company Act.
(iv)	Date of the last Environmental Audit Report submitted	18th July 2024

PART - B

Water and Raw Material Consumption

(I) WATER CONSUMPTION

Unit	Quantity (KL/day)
Process and Container Washings	Process : Nil Container, Tyre Washing: 0.4
Agriculture purposes/ Gardening	2.5
Domestic/Drinking	0.4
Laboratory	0.2
Incineration	0.1
Others	-------
Total	3.6

The above figures are for full operation of facility.

Name of products	Water consumption per unit of products KL	
	During the previous Financial year (2023-2024)	During the Current Financial year (2024-2025)
	Nil	Nil

(ii) RAW MATERIAL CONSUMPTION (HZW Stabilization Reagents)

S. No.	Name of Raw materials	Name of Products/ Purpose	Consumption of raw material	
			During the previous Financial year (2023-2024)	During the Current Financial year (2024-2025)
1.	Lime	Stabilization	1825.183539 MT	2153.170012 MT
2.	Fly Ash	Stabilization	2812.450948 MT	3389.297905 MT
3.	Cement	Stabilization	1658.545325 MT	1976.633809 MT
4.	Sodium Sulphide	Stabilization	51.596345 MT	55.254529 MT
5.	Sodium hypochlorite	Stabilization	0.702700 MT	0.317550 MT
6.	Bentonite	Stabilization	0.0000 MT	0.0000 MT
7.	Sodium Hydroxide	Stabilization	4.987340 MT	0.971432 MT
8.	Potassium Par magnate	Stabilization	0.138480 MT	0.064950 MT
9.	Copper Sulphate	Stabilization	0.013848 MT	0.0064950 MT
10	HNO_3	Stabilization	0.289710 MT	2.6441000 MT

PART – C

Pollution Generated

(Parameter as specified in the consent issued)

(i)	Pollutants	Quantity of pollution generated (kg/day)	Quantity of pollution generated (mg/L)	Percentage variation from Prescribed standards with reason
a)	Wastewater: NO WASTE WATER GENERATED DURING THIS Process **Leachate transfer from SLF sump to Solar Evaporation Pond for Manual Evaporation, solidification,Spray Dryer of Incineration and Spray on Landfill**			
	TDS	Nil	86295 mg/l	
	TSS	Nil	9217 mg/l	
	COD	Nil	3218 mg/l	
	BOD	Nil	1386.82 mg/l	
b)	**Air : NO AIR POLLUTION** **Ambient Air Quality : Near Store Room**			
	Particulate Matter (PM 10) **µg/m³**	Nil	87.78	
	Particulate Matter (PM 2.5) **µg/m³**	Nil	34.83	
	SO_x **µg/m³**	Nil	16.54	
	NO_x **µg/m³**	Nil	27.11	
b)	**Air : NO AIR POLLUTION** **Ambient Air Quality : Security Room Roof Top**			
	Particulate Matter (PM 10) **µg/m³**	Nil	89.90	
	Particulate Matter (PM 2.5) **µg/m³**	Nil	33.82	
	SO_x **µg/m³**	Nil	16.91	
	NO_x **µg/m³**	Nil	28.06	
b)	**Air : NO AIR POLLUTION** **Ambient Air Quality : Near Secured Landfill**			
	Particulate Matter (PM 10) **µg/m³**	Nil	87.93	
	Particulate Matter (PM 2.5) **µg/m³**	Nil	32.73	
	SO_x **µg/m³**	Nil	16.70	
	NO_x **µg/m³**	Nil	27.87	

PART - D

Hazardous Wastes

(Hazardous & other Waste (Management and Transboundary Movement) Rules, 2016)

Hazardous Wastes	Total Quantity (Kg)	
	During the Current Financial year (2023-2024)	During the Current Financial year (2024-2025)
(a) From process	Nil	Nil
(b) From Pollution Control facilities	Nil	Nil

PART- E

SOLID WASTES

Solid Waste	Total quantity	
	During the Previous Financial years (2005 to 2023-2024)	During the Current Financial year (2024-2025)
a) From process	Nil	Nil
b) From pollution Control facility	Nil	Nil
c) 1) Quantity recycled or reutilised	Nil	Nil
2) Sold	Nil	Nil
3) Disposed	426251.585221 MT (*Excluding Inc Waste sent to UPWMP =2332.128432 MT up to 31st March 2024) Total = 426251.585221 +2332.128432	52116.790116 MT

PART - F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes.

This industry is a hazardous waste disposal facility catering to hazardous waste disposal needs of the industry. This facility disposes waste using three modes as follows:

Direct Landfill (subject to meeting the Landfill disposal criteria of CPCB) Received Since inception 10th October 2005 to 31st March-2025- **60217.190712** MT.

Landfill after Stabilization-Received Since inception 10th October 2005 to 31st March 2025:- **418409.606625** MT.

By Incineration (Incinerator commissioned so received since inception 10th October 2005 to 31st March 2025 – **4355.055536** MT.

By AFRF (received since inception 10th October 2005 to 31st March 2025 – **7738.890442** MT.)

Incineration Waste Disposed through Incineration = **3659.528432** MT for from 10th October 2005 to 31st March-2025.

PART -G

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

The industry itself has pollution control measure. About 52157.823116 MT of Land fillable wastes, AFR-7710.847548 MT and 694.453285 MT Incineration waste has been received in financial year April 2024 to 31st March 2025 as against a commissioned capacity of Landfill Cell-V 177255 MT,Cell-VI-130807 MT, AFRF-20000 TPA and Incineration 500 kg/hr.

PART H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution

In monsoon season we capped secured landfill to protect from rain water to avoid leachate generation.

PART - I

Miscellaneous

Any other particulars in respect of environmental protection and abatement of pollution

Monitoring of ambient air and water quality is being done regularly.

We planted **NEEM** (*Azadirachta indica*) and other trees as green belt in one or two tire within the premises and plan for maximum plantation during monsoon and site beautification by developing lawn and landscaping in the site.

For

Re Sustainability Ltd.

(Unit: Rajasthan Waste Management Project.)

Authorised Signatory

RE SUSTAINABILITY LIMITED R.W.M.P. UDAIPUR